

## **REMARKS**

### **I. Status of the Claims**

Claims 1-52 were pending in the application prior to submission of the current amendment. All of claims 1-52 stand rejected by the Examiner in the prior Office Action.

By this amendment, claims 1, 14-26, 39 and 52 have been amended, wherein dependent claims 15-25 have been amended simply to preserve the uniformity of the claim language with respect to with amended independent claim 14. No new matter has been introduced, and thus, entry and consideration of this amendment is now respectfully requested.

### **II. Rejections Under 35 U.S.C. §103(a):**

Claims 1-9, 13-19, 22-36, 39-42 and 52, stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. 6,282,362 to Murphy (hereafter, "Murphy") in view of U.S. 2001/0034204 to Pentikainen (hereafter, "Pentikainen") and further in view of U.S. 5,799,082 to Murphy et al. (hereafter, "Murphy2"). More specifically, the Examiner alleges that the above-identified claims are obvious in view of the Murphy, Pentikainen and Murphy2 combination.

Claims 10, 11, 20, 21, 37, 38, 50, 51 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Murphy in view of Pentikainen further in view of U.S. 2002/0080968 A1 to Olsson (hereafter, "Olsson"). More specifically, the Examiner alleges that the above-identified claims are obvious in view of the Murphy, Pentikainen and Olsson combination.

Murphy is a geographical position/image capturing camera system that stores object images and position coordinates as digital data (abstract). Video or photographic data may be recorded and encrypted with position/location/time information (for example, column 4, line 35-column 5, line 24 and column 7 lines 26-52). This information is provided primarily through a satellite-based global positioning system (for example, column 14, line 54 to column 15, line 7). Further, the reference indicated as Murphy 2 above is preceding patent to the Murphy reference that appears to be commonly owned and is directed to a similar device for capturing images and encrypting the images with position/location/time information.

Pentikainen is directed to method and system for tracing a subscription in a telecommunication system (abstract). The telecommunication system disclosed is a wireless

local loop system (WLL), for example, implemented using the GSM standard (page 1, paragraph 0002). Typically, tracing may be utilized to collect information about call-time events, for example, the radio channel used, power level, location, call setup direction, duration or start time. (page 1, paragraph 0005). Further, a tracing report may be created which comprises the IMEI code, the IMSI code and reference number (page 1, paragraph 0009). The system may also locate calls made via an unauthorized or unidentified user or device (page 1-2, paragraph 0013).

Olsson is a system for providing location based service from a third party service provider which encrypts the client's identification information to protect the client's anonymity. The Examiner has relied upon Olsson to make obvious the claimed requirements of the present invention for device identification via an IMEI and IMSI number (see, for example, claims 10 and 11). Olsson recites general applications of device identification using IMSI information.

Applicants respectfully request reconsideration in view of the amendments and remarks now presented herein. At least independent claims 1, 14, 26, 39 and 52 have been amended. For example, claim 1, as amended, now recites:

1. (Currently Amended) A method, comprising:
  - determining a current location for a multimedia device using positional information provided by a long range cellular network or short-range wireless communication medium;
  - computing location-based authentication data using the positional information;
  - encoding multimedia content created on the multimedia device with said location-based authentication data by computing a hash value on a combined expression of the multimedia content, said location-based authentication data and identification data including at least one of user identification data and device identification data, wherein said encoding creates a content identity key that authenticates the multimedia content as being created at a certain physical location and time; and
  - transmitting the encoded multimedia content to a content certification entity via wireless communication, the content certification entity verifying the authenticity of the encoded multimedia content based on the content identity key prior to distribution.

The Murphy and Murphy2 references only disclose an image capture device and how this device may process a captured image to include position/location/time information. Pentikainen and Olsson are directed primarily to location determination for mobile devices, and

do not include any image capture or encoding aspects. As a result, none of the aforementioned references recite or imply "transmitting the encoded multimedia content to a content certification entity via wireless communication, the content certification entity verifying the authenticity of the encoded multimedia content based on the content identity key prior to distribution." As a result, claim 1, as amended, is distinguishable from the cited references, taken alone or in combination. Further, independent claims 14 and 52 include at least the limitations discussed with respect to claim 1, and are therefore also distinguishable. Claims 2-13 and 15-25 depend from claims 1 and 14, respectively, and therefore are also distinguishable based on the above.

In addition to the amendments to claim 1 discussed above, Claim 26 has also been amended to further clarify the present invention. Claim 26, as amended, recites:

26. (Currently Amended) A method, comprising:
- determining a current location for a multimedia device using positional information provided by a long range cellular network or short-range wireless communication medium;
  - receiving digital multimedia content created on a multimedia device into a context server through a wireless communication network;
  - receiving location-based authentication data computed using the positional information through a network into an authentication server, wherein the location-based authentication data is correlated with the multimedia device that created the multimedia content;
  - forwarding the correlated location-based authentication data to the context server; and
  - executing an encryption algorithm in the context server, wherein the correlated location-based authentication data is encoded into the multimedia content by computing a hash value on a combined expression of the multimedia content said location-based authentication data and identification data including at least one of user identification data and device identification data, to create a multimedia content identity key that authenticates the multimedia content as being created at a certain physical location and time.

Claim 26, as amended, clarifies an interaction between a context server and an authentication server, wherein the context server may receive multimedia content and the authentication server may separately receive location-based authentication which is then correlated. The correlated location-based authentication information may then be passed to the

context server where it is encoded into the multimedia content. The Examiner previously relied upon Murphy 15, lines 47-56 to render obvious the server requirements of claim 26. This section of Murphy discloses a configuration for camera system 300, which is a only single device, and neither recites nor implies multiple networked servers as required by amended claim 26. As a result, the cited references, taken alone or in combination, do not render obvious claim 26.

Independent claim 39 includes at least the limitations discussed with respect to claim 26 above, and is therefore also distinguishable. Claims 27-38 and 40-51 depend from independent claims 26 and 39, respectively, and are likewise distinguishable based on the above.

In view of the above, Applicants assert that claims 1-52 are distinguishable based on at least the amendments to independent claims 1, 14, 26, 39 and 52. As a result, Applicants respectfully request that the 35 U.S.C. §103(a) rejection to claims 1-52 now be withdrawn.

**CONCLUSION**

Based on the foregoing remarks, Applicant respectfully requests reconsideration and withdrawal of the rejection of claims and allowance of the application.

**AUTHORIZATION**

The Commissioner is hereby authorized to charge any additional fees which may be required for consideration of this Amendment to Deposit Account No. 13-4500, Order No. 4208-4038. A DUPLICATE OF THIS SHEET IS ATTACHED.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No. 13-4500, Order No. 4208-4038. A DUPLICATE OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
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